

# Converting Colors

Decimal(15242991)

Have a look what the booklet for  
Decimal(15242991) contains.

<b>Decimal(15242991)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15242991)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E896EF
RGB	232, 150, 239
RGB Percent	91%, 59%, 94%
CMY	0.0902, 0.4118, 0.0627
CMYK	0.03, 0.37, 0.00, 0.06
HSL	295°, 74%, 76%
HSV	295°, 37%, 94%
XYZ	59.7650, 45.2005, 87.2360
YIQ	184.6640, 20.3030, 45.0630

# Conversions

## Conversions Part 2

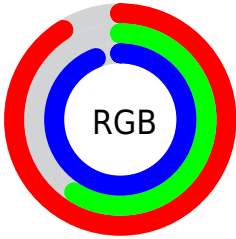
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 150, 239
Decimal	15242991
CIE Lab	73.02, 44.63, -32.27
CIE LCh	73, 55.076, 324.137
Yxy	45.2005, 0.3109, 0.2352
Android (android.graphics.Color)	4293433071 (0xFFE896EF)
YUV	184.6640, 26.7876, 41.5137
Hunter-Lab	67.2313, 41.0222, -29.8698

# Details

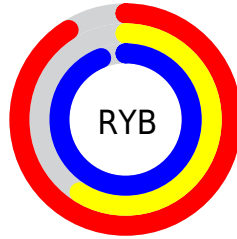
The Decimal color **15242991** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10350486**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16764671**, and **11493815** is the 20% darker color. If you saturate the color by 10%, you get **15105775**, and if you desaturate by 10%, it is **15380207**.

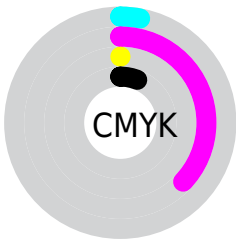
# Distribution



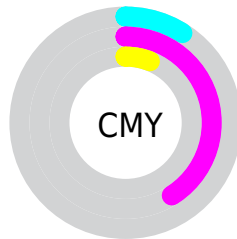
- Red (91%)
- Green (59%)
- Blue (94%)



- Red (91%)
- Yellow (59%)
- Blue (94%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (41%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15242991 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 15242991 by changing the saturation by 10% instead.



 15242991

 15242991

16777215

 13335507

 16764671

 11493815

 16771839

 9652124

 7876225

 6165096

 4456527


 2949176

 852002

 7

 15242991

 15242991

 15105775

 15380207

 14968559

 15517423

 14831343

 15654639

 14694127

 15791855

 14622703

 15859695

 14485487

 15990767

 14418159

 16121839

 16252911

 16383983

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10922751



15242991



16746943

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15242991



14265675



52443

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15242991



10350486

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52391



15242991



11058515

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15242991



16685667



6997878



51199

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15242991



16746653



6997878



52682



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15242991



16638975



9870831



8286080



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15242991



16157951



15701706



7826552



11075768



3407928



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15701661



16747669



9891771



7892077



12058638



3670020



# Previews

## White Background



This preview shows how the Decimal color 15242991 looks on a white background.

## Color Contrast Check

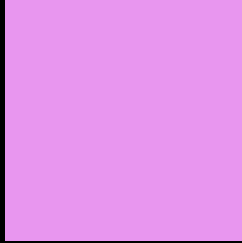
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 15242991 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

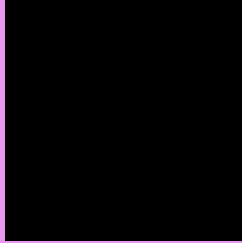
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15242991 Background



This preview shows how black text looks on a background with the Decimal color 15242991.




This preview shows how white text looks on a background with the Decimal color 15242991.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
14656432

# Trichromacy



**Original Color**  
15242991



**Protanomaly**  
12036089



**Deuteranomaly**  
12560364



**Tritanomaly**  
14851783

# Monochromacy



**Original Color**  
15242991



**Achromatopsia**  
12171705



**Achromatomaly**  
13282509

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15242991 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E896EF looks like.

```
.text, #text, p{  
    color:#E896EF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E896EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E896EF
}
```

## Border

The CSS property to change the border of an element to Decimal 15242991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E896EF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E896EF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E896EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E896EF; -webkit-box-shadow:4px 4px  
4px 4px #E896EF; box-shadow:4px 4px 4px  
4px #E896EF }
```

# Background

The CSS property to change the background color of an element to Decimal 15242991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E896EF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E896EF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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